

4.3.9 McCone County

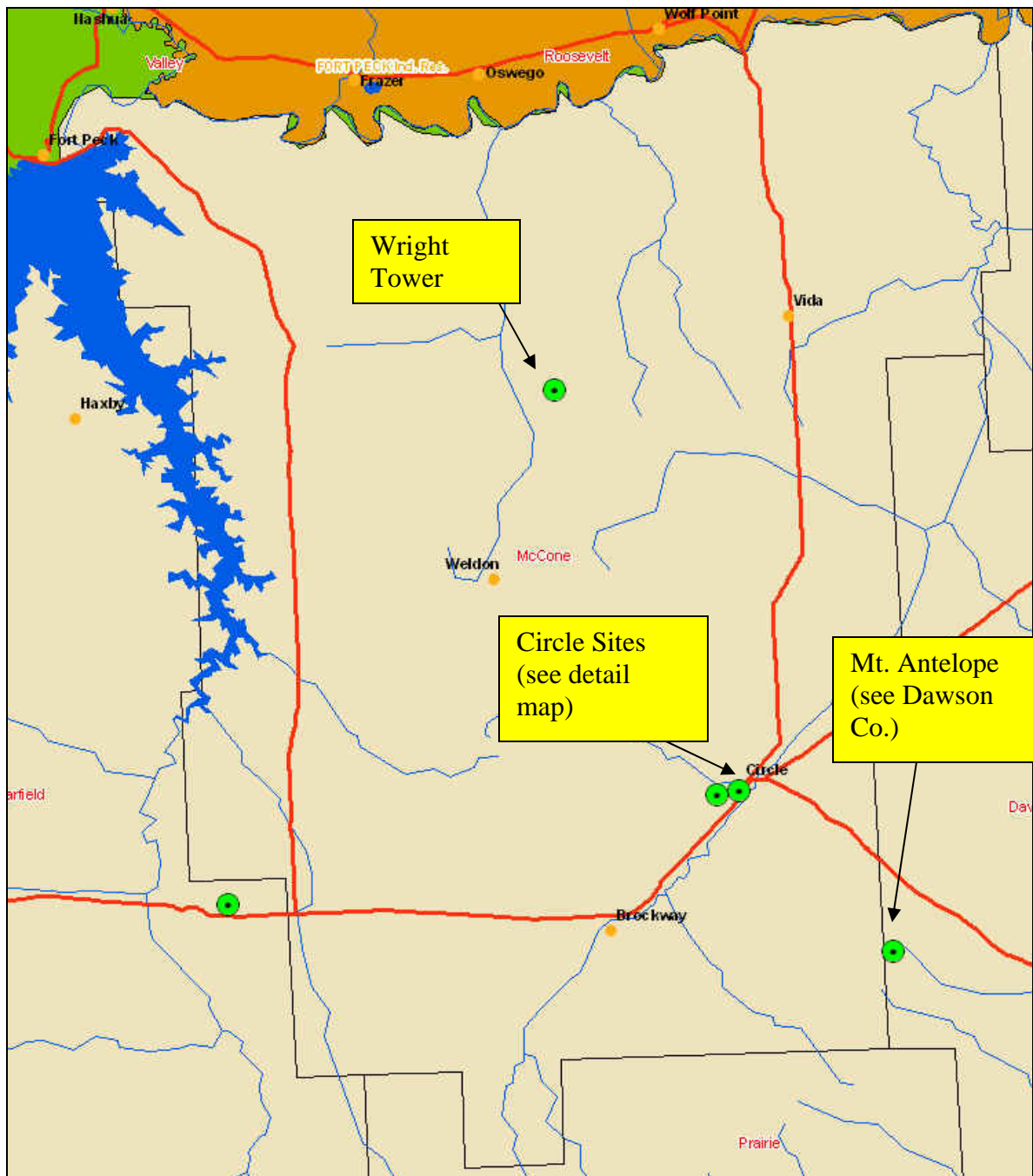


Figure 52 – McCone County Antenna Sites

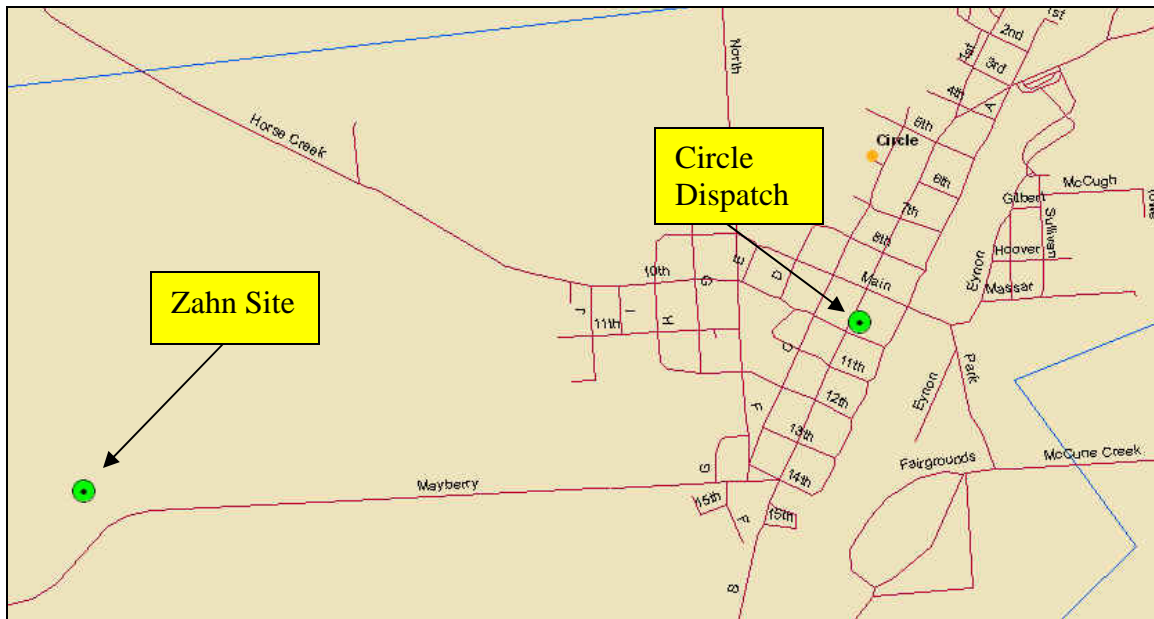


Figure 53 – Detail Of Circle Antenna Sites

Site Name: Circle Dispatch



Area: Circle, MT

Location: Downtown Circle, 905 B Ave.

Land Owner: McCone County

Ground Elevation: 2430'

Latitude: N47 24' 59.4"

Longitude: W105 35' 16.9

Status: In Use

Rent:

Tower Height: N/A

Building Type: Block

Building Size:

Approximate Space Used (%):

Primary Power: 120/240 single phase

Backup Power:

Telephone Available? Yes

Tower Users: McCone Co.

Is Combiner Used And Describe: No

General Comments:

Survey Completed By: TAB Electronics

Completed Date: Jun-05

Tower Manufacturer:

Tower Model:



Tower Owner:
Age (Years):
Tower Type:
Fall Protection:
Climbing Device:
Of Guy Wires:
Of Legs:
Leg Spacing:
Grounding System:
Other Towers Nearby?
Access In Summer: 2-wheel Drive
Access In Winter: 2-wheel Drive
Criticality: Extremely Critical
Meets FCC OET 65?
Meets Antenna Loading?
Microwave In Use?
Describe:
Microwave Capable?
Describe:

Radio 1: Base
Antenna Type: 3-element Yagi
Antenna Height: 23'
Frequencies In Use: 153.875, 155.760
User Agency: McCone Co.
Filter, Duplexer, Etc.: None
P25? No
Other:

Radio 2: UHF Link
Antenna Type: DB436 Yagi
Antenna Height: 23'
Frequencies In Use: TX 458.575, RX 453.575
User Agency: McCone Co.
Filter, Duplexer, Etc.: None
P25? Unknown
Other:

Site Name: Wright Tower



Area: Weldon, MT

Location: Prairie Elk Road

Land Owner: Pinnacle Ranch, Inc.

Ground Elevation: 2542'

Latitude: N47 46' 37.3"

Longitude: W105 48' 07.1"

Status: In Use

Rent:

Tower Height: 180'

Building Type: Wood frame, metal siding, concrete slab

Building Size: 9x9

Approximate Space Used (%): 20

Primary Power: 120/240 single phase 100 amp

Backup Power: User-supplied batteries

Telephone Available? No

Tower Users: McCone Co.

Is Combiner Used And Describe: No

General Comments:



Survey Completed By: TAB Electronics
Completed Date: Jun-05
Tower Manufacturer: Rohn
Tower Model: 556
Tower Owner: McCone Co.
Age (Years): 4
Tower Type: Guyed
Fall Protection: None
Climbing Device: Tower Rungs - Steel Bars
Of Guy Wires: 15
Of Legs: 3
Leg Spacing: 17"
Grounding System: Multiple ground rods, all grounds bonded.
Other Towers Nearby? No
Access In Summer: 4-wheel Drive
Access In Winter: 4-wheel Drive
Criticality: Critical
Meets FCC OET 65?
Meets Antenna Loading?
Microwave In Use? No
Describe:
Microwave Capable?
Describe:

Radio 1: Repeater
Antenna Type: PD 220
Antenna Height: 176-198'
Frequencies In Use: TX 155.760, RX 153.875
User Agency: McCone Co. Sheriff
Filter, Duplexer, Etc.: Celwave 0185417U05 6-cavity
P25? No
Other:

Radio 2: Repeater (Not installed at this time)
Antenna Type: PD 220
Antenna Height:
Frequencies In Use: 156.195, 159.105
User Agency: McCone Co.
Filter, Duplexer, Etc.:
P25? No
Other:

Site Name: Zahn Site (new tower)



Area: Circle, MT

Location: 1m W of Circle, MT, Mayberry Road

Land Owner: Elsie Zahn Living Trust

Ground Elevation: 2614'

Latitude: N47 24' 48"

Longitude: W105 36' 58.5"

Status: Not Yet Built

Rent:

Tower Height: 80' not yet finished

Building Type: Old ice cream truck box.

Building Size: 7x15

Approximate Space Used (%): 50

Primary Power: 120/240 single phase

Backup Power: Onan 7.5 kw gen set

Telephone Available? No

Tower Users: McCone Co. Sheriff, McCone Co. EMS, KVCK translator, McCone Co.

Is Combiner Used And Describe: No

General Comments:



Survey Completed By: TAB Electronics

Completed Date: Jun-05

Tower Manufacturer: Rohn

Tower Model: 556

Tower Owner: McCone Co.

Age (Years): 1

Tower Type: Guyed

Fall Protection: None

Climbing Device: Tower Rungs - Steel Bars

Of Guy Wires: 6

Of Legs: 3

Leg Spacing: 17"

Grounding System: Will have multiple ground rods

Other Towers Nearby?

Access In Summer: 2-wheel Drive

Access In Winter: 2-wheel Drive

Criticality: Extremely Critical

Meets FCC OET 65?

Meets Antenna Loading?

Microwave In Use? No

Describe:

Microwave Capable? Unknown

Describe:

Radio 1: Repeater

Antenna Type: PD 220

Antenna Height: 80-100' - Top of tower

Frequencies In Use: TX 155.760, RX 153.875

User Agency: McCone Co. Sheriff

Filter, Duplexer, Etc.: None

P25? No

Other: Top tower spot is reserved for PD 220 that is presently on shack.

Radio 2: Repeater & Base - Not installed at this time.

Antenna Type: PD 220

Antenna Height:

Frequencies In Use: 156.195, 159.105

User Agency: McCone Co. Road Dept.

Filter, Duplexer, Etc.:

P25? No

Other:

Radio 3: FM Translator (not installed at this time)

Antenna Type: Yagi



Antenna Height:

Frequencies In Use: Input 92.7, TX 106.3

User Agency: KVCK-FM

Filter, Duplexer, Etc.: None

P25? Unknown

Other:

Site Name: Zahn Site (existing wood pole)



Area: Circle, MT

Location: 1m W of Circle, MT, Mayberry Road

Land Owner: Elsie Zahn Living Trust

Ground Elevation: 2614'

Latitude: N47 24' 48"

Longitude: W105 36' 58.5"

Status: In Use

Rent:

Tower Height: 35'

Building Type: Old ice cream truck box.

Building Size: 7x15

Approximate Space Used (%): 50

Primary Power: 120/240 single phase

Backup Power: Onan 7.5 kw gen set

Telephone Available? No

Tower Users: McCone Co. Sheriff, McCone Co. EMS, KVCK translator, McCone Co.

Is Combiner Used And Describe: No

General Comments:



Survey Completed By: TAB Electronics

Completed Date: Jun-05

Tower Manufacturer:

Tower Model:

Tower Owner:

Age (Years):

Tower Type: Wood Pole

Fall Protection: None

Climbing Device: Step Bolts

Of Guy Wires:

Of Legs:

Leg Spacing:

Grounding System:

Other Towers Nearby?

Access In Summer: 2-wheel Drive

Access In Winter: 2-wheel Drive

Criticality: Extremely Critical

Meets FCC OET 65?

Meets Antenna Loading?

Microwave In Use? No

Describe:

Microwave Capable? Unknown

Describe:

Radio 1: Base

Antenna Type: 4-element open dipole array

Antenna Height: 38-58' (on pole)

Frequencies In Use: 155.280, 155.385

User Agency: McCone Co. EMS

Filter, Duplexer, Etc.: None

P25? No

Other:

Radio 2: Base

Antenna Type: Unity gain ground plane monopole

Antenna Height: 36' (on side of pole)

Frequencies In Use: 39.82

User Agency: McCone Co.

Filter, Duplexer, Etc.: None

P25? No

Other: